

**From:** [Todd, Brandi](#)  
**To:** [Leos, Valmichael](#)  
**Subject:** RE: What % of pits are above water and below?  
**Date:** Thursday, February 11, 2016 5:16:46 AM  
**Attachments:** [SJWP Surface & Underwater Investigation Areas Map.docx](#)  
[SJWP Surface & Underwater Investigation Areas Map.pdf](#)

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Do you think you can draw the shapes from the attached map onto your map to figure out the percentage of the cap that we surveyed?

Just a total area surveyed would be good. We don't need to break it down further.

Brandi

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**From:** Leos, Valmichael

**Sent:** Monday, January 25, 2016 10:12 AM

**To:** Humphrey, Alan; Todd, Brandi; Gannon, Nick

**Subject:** What % of pits are above water and below?

See figure. It is different from the one Alan sent out. For some strange reason, if there is Geospatial data embed in the PDF, I can't get the area or set a custom scale. Weird.

I found a different figure that the RPs sent us long ago that does not have any Geospatial data embed. Area calculations work like a charm.

In summary:-

**Total Area** of cap is 823947 sq ft = **19 acres**

**Area** of cap **above water** is 283619 sq ft = **6.5 acres**

**Percentage** of cap **above water** = 6.5 acres / 19 acres x 100 = **34 percent**

**Percentage** of cap **under water** = 100 percent – 34 percent = **66 percent**

Sincerely,

Valmichael Leos

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